

6. A circuit integration module for insertion into an avionics cabinet, said module comprising:

first and second circuit boards;

a faceplate coupled to each of said first and second circuit boards; and

a connector assembly coupled to each of said first and second circuit boards opposite said faceplate, wherein said connector assembly is configured to provide an electrical interface between said first and second circuit boards and said avionics cabinet.

91 7. The circuit integration module of claim 6 further comprising spacers separating said first and second circuit boards such that a gap between said first and second circuit boards is formed.

8. The circuit integration module of claim 7 wherein said gaps are configured to align with ventilation holes in said avionics cabinet.

9. The circuit integration module of claim 6 wherein said faceplate comprises a handle.

10. The circuit integration module of claim 9 wherein said handle is retractable.

11. The circuit integration module of claim 6 wherein said module is further configured to be inserted into slots in said avionics cabinet.

12. The circuit integration unit of claim 6 wherein said module is configured to be supported by at least one guide rail in said avionics cabinet.

13. The circuit integration module of claim 6 further comprising a first groove configured to interface with a first guide rail on said avionics cabinet.

14. The circuit integration module of claim 13 further comprising a second groove configured to interface with a second guide rail on said avionics cabinet.

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15. A method of inserting a circuit integration module into an avionics cabinet, the method comprising the steps of:
aligning said module to a guide on said avionics cabinet;
inserting said module into said avionics cabinet along said guides; and
securing said module in said avionics cabinet such that said module is retained in said cabinet.

16. The method of claim 15 wherein said aligning step comprises aligning slots on said module with guides on said avionics cabinet.

17. The method of claim 15 wherein said aligning step comprises aligning guides on said module with slots on said avionics cabinet.